# Fig.1

Genetic map of Rf marker (Fig.1)

······· Marker name

Genetic distance cM)
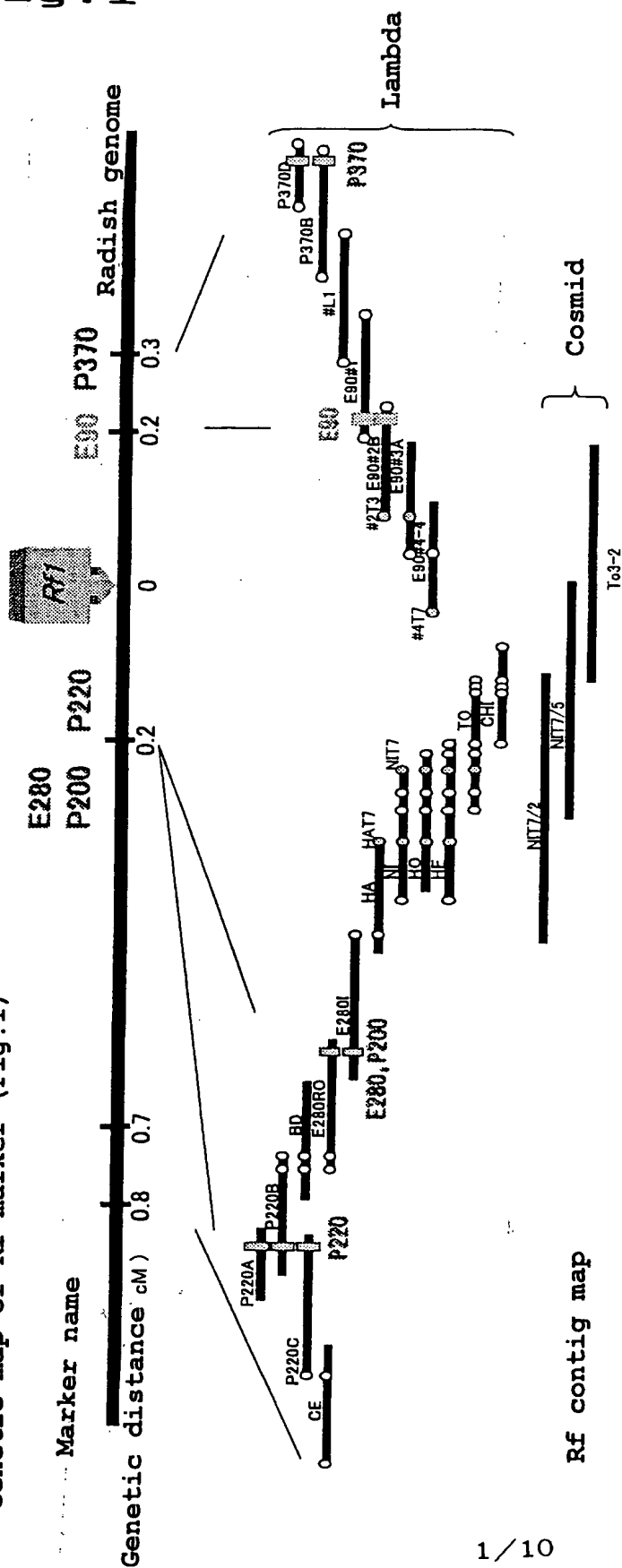


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# Fig.2

SEQ ID NO.1: 8553bp

8553bp:HpaI

1bp:SwaI

a site    b site    c site

CHI lambda clone fragment:
about 17kb
Cloning fragment of CHI/pBIGRZ2

BamHI

Cloning fragment of cds6BT/pKM424

Region which was presumed
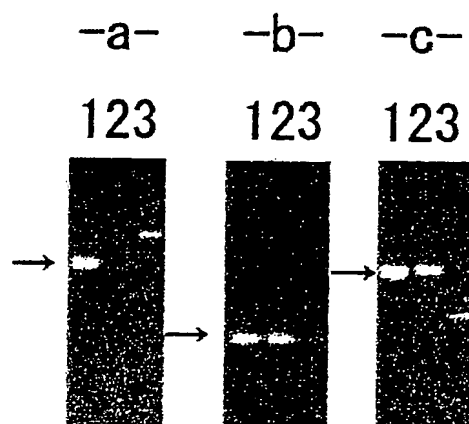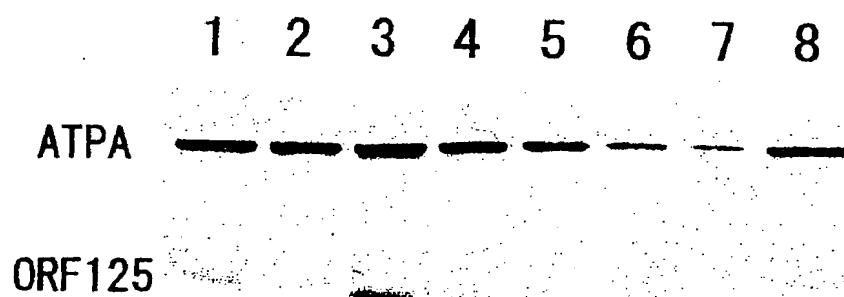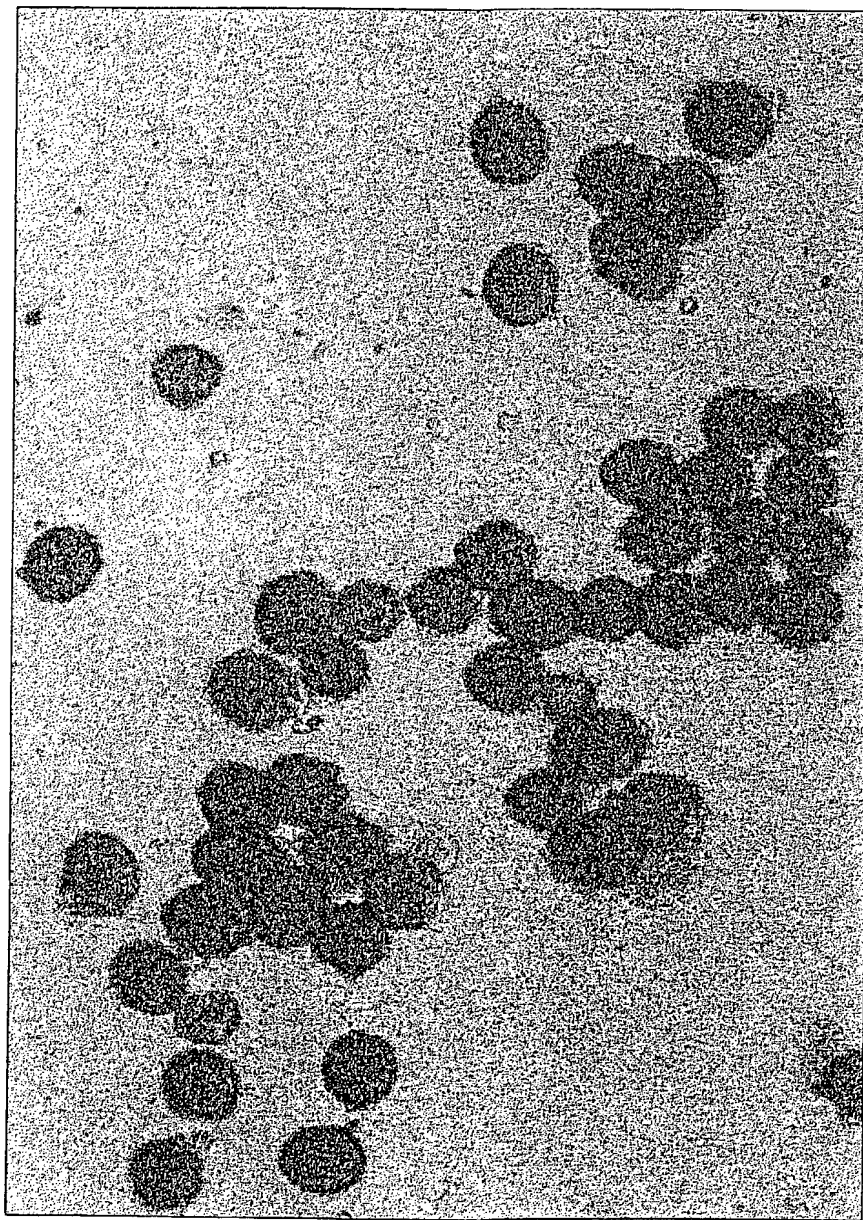to be integrated into
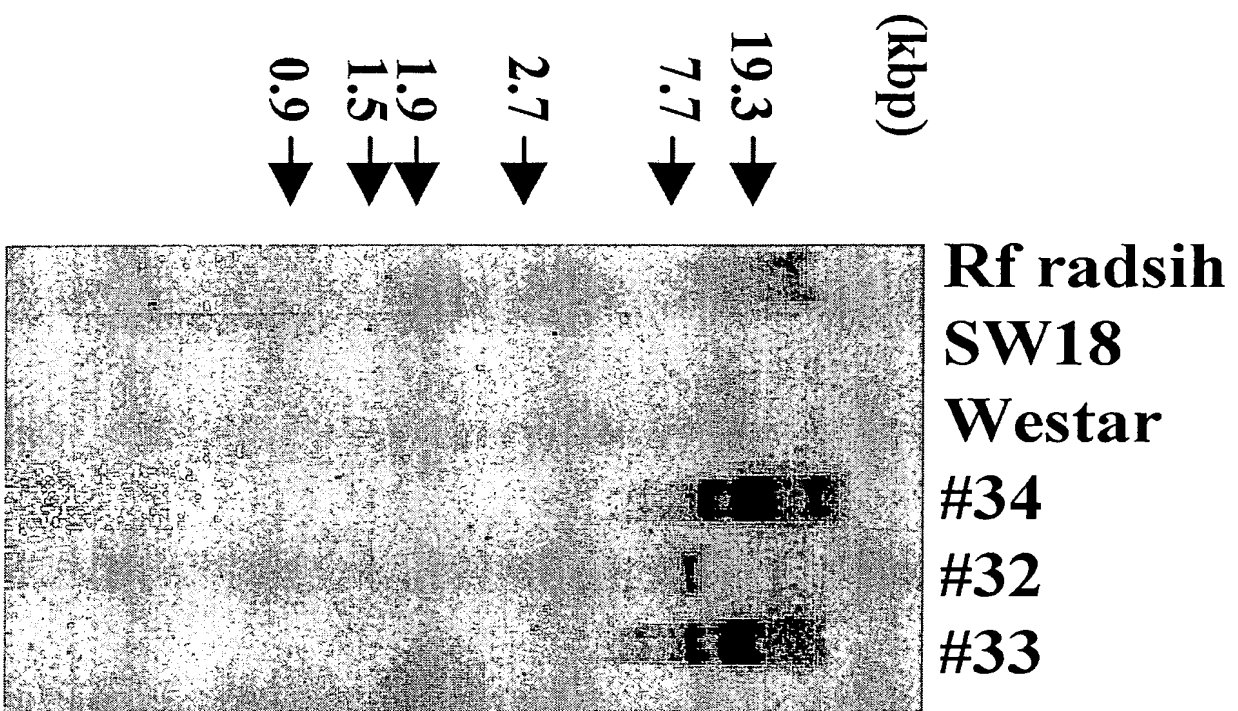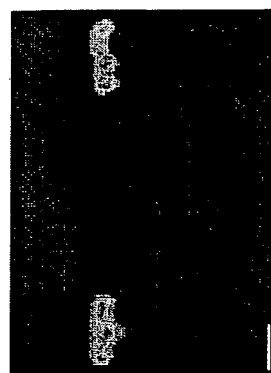transformed rapeseed

Fig.3



Fig.4

Fig.5

# Fig.6

```
pSTV125-5' #LA12.nuc   1:GGATCCCAATTTCATTCATTCTGCATCACTCTCCCTGTCGTTATGCGACCTCGCAAGGTTTTTG  60
pSTV125-5' #LA6.nuc    1:GGATCCCAATTTCATTCATTCTGCATCACTCTCCCTGTCGTTATGCGACCTCGTCG-CAAGGTTTTTG  59
                         ****************************************** *    *********

pSTV125-5' #LA12.nuc  61:AAACGGCCGAAACGGGAAGTGACAATACCGCTTTTCTTGAGCATATAAATCATGATTAC-  119
pSTV125-5' #LA6.nuc   60:AAACGGCCGAAACGGGAAGTGACAATACCGCTTTTCTTCAGCATATAAATGCATGATTAC  119
                         **************************************** *********            *

pSTV125-5' #LA12.nuc 120:CTTTTTTCGAAAAATTGTCCACTTTTTGTCATAATCCTCCACTTCCTACTGAATGTAAAGT  179
pSTV125-5' #LA6.nuc  120:CTTTT-TCGAAAAATTGTCCACTTTTTGTCATAATCCTCCACTCCTACTGAAATTAA-A-GT  176
                         ***** ************************************* ************* * **

pSTV125-5' #LA12.nuc 180:TAGTGAATTC  189
pSTV125-5' #LA6.nuc  177:TAGTGAATTC  186
                         **********
```

(kbp)

19.3 →
7.7 →

2.7 →

1.9 →
1.5 →
0.9 →

**Rf radsih**
**SW18**
**Westar**
**#34**
**#32**
**#33**

Figure. 7

Rf Radish
SW18
Westar
#32

← 2.0 kbp

Figure. 8
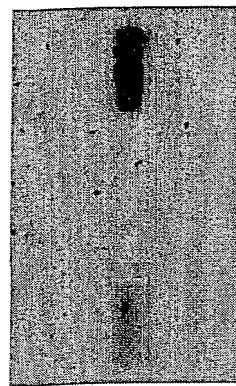
SW18 Westar #32

← 17 kDa

Figure. 9

(kbp)

19.3 →
7.7 →
2.7 →
1.9 →
1.5 →
0.9 →

SW18
Westar
#32

Figure. 10

#32 T2 lines



Figure 11